

**NRA DMRB - Update Alert**

The June 2014 updates to the NRA DMRB are as follows:

***NRA DESIGN MANUAL FOR ROADS AND BRIDGES***

<b>Document</b>	<b>DMRB Part</b>	<b>Title</b>	<b>Nature of Document</b>
NRA GD 02	0.1.1	Volume Contents and Alpha-Numeric Index to the NRA Design Manual for Roads and Bridges	Amended Index
NRA TD 19	2.2.8A	Safety Barriers	Updated Standard
NRA BD 35	2.4.1	Quality Assurance Scheme for Paints and Similar Protective Coatings	New Standard
NRA TA 70	6.3.3	The Location and Layout of On-line Service Areas	Amended Standard
NRA BD 54	3.1.1	Post-Tension Concrete Bridges Prioritisation of Special Inspections	New Standard
NRA BA 50	3.1.2	Post-tensioned Concrete Bridges - Planning, Organisation and Methods for Carrying Out Special Inspections	New Advice Note
NRA BA 93	3.1.3	Structural Assessment of Bridges with Deck Hinges	New Advice Note
NRA BA 86	3.1.4	Advice Notes on the Non-destructive Testing of Road Structures	New Advice Note
NRA BD 87	3.2.1	Maintenance Painting of Steelwork	New Standard
NRA BA 43	3.3.1	Strengthening, Repair and Monitoring of Post-tensioned Concrete Bridge Decks	New Advice Note
NRA BA 35	3.3.3	Inspection and Repair of Concrete Road Structures	New Advice Note
NRA BA 83	3.3.4	Cathodic Protection for Use in Reinforced Concrete Road Structures	New Advice Note
NRA BA 87	3.3.5	Management of Corrugated Steel Buried Structures	New Advice Note
NRA BA 88	3.3.6	Management of Buried Concrete Box Structures	New Advice Note
NRA BD 21	3.4.1	The Assessment of Road Bridges and Structures	New Standard
NRA BA 16	3.4.2	The Assessment of Road Bridges and Structures.	New Advice Note
NRA BA 38	3.4.3	Assessment of the Fatigue Life of Corroded or Damaged Reinforcing Bars	New Advice Note
NRA BA 39	3.4.4	Assessment of Reinforced Concrete Half-joints	New Advice Note
NRA BD 48	3.4.5	The Assessment and Strengthening of Road Bridge Supports	New Standard
NRA BA 54	3.4.6	Load Testing for Bridge Assessment	New Advice Note
NRA BA 55	3.4.7	The Assessment of Bridge Substructures and Foundations, Retaining Walls and Buried Structures	New Advice Note
NRA BA 52	3.4.8	The Assessment of Concrete Road Structures Affected by Alkali Silica Reaction	New Advice Note

Document	DMRB Part	Title	Nature of Document
NRA BD 56	3.4.9	The Assessment of Steel Road Bridges and Structures	New Standard
NRA BA 51	3.4.10	The Assessment of Concrete Structures Affected by Steel Corrosion	New Standard
NRA BD 44	3.4.11	The Assessment of Concrete Road Bridges and Structures	New Standard
NRA BA 44	3.4.12	The Assessment of Concrete Road Bridges and Structures	New Standard
NRA BD 61	3.4.13	The Assessment of Composite Road Bridges and Structures	New Standard
NRA BD 79	3.4.14	The Management of Sub-standard Road Structures	New Standard
NRA BD 81	3.4.16	Use of Compressive Membrane Action in Bridge Decks	New Standard
NRA BD 101	3.4.18	Structural Review and Assessment of Road Structures	New Standard
NRA BA 9	3.5.1	The use of BS 5400 Part 10: 1980 – code of practice for fatigue	New Advice Note
NRA BD 9	3.5.2	The use of BS 5400 Part 10: 1980 – code of practice for fatigue	New Standard
NRA BD 13	3.5.3	Design of steel bridges. Use of BS 5400-3:2000	New Standard
NRA BD 15	3.5.4	General Principles for the Design and Construction of Bridges: Use of BS 5400 : Part 1 : 1988	New Standard
NRA BD 16	3.5.5	Design of composite bridges. Use of BS 5400: Part 5: 1979	New Standard
NRA BD 24	3.5.6	The design of concrete highway bridges and structures. Use of BS 5400: Part 4: 1990	New Standard
NRA BD 28	3.5.7	Early Thermal Cracking of Concrete [and Amendment No. 1, 1989]	New Standard
NRA BD 31	3.5.8	The design of buried concrete box and portal frame structures	New Standard
NRA BD 37	3.5.9	Loads for highway bridges	New Standard
NRA BA 42	3.5.10	The Design of Integral Bridges	New Advice Note
NRA BD 49	3.5.11	Design Rules for Aerodynamic Effects on Bridges	New Standard
NRA BA 58	3.5.12	The Design of Concrete Highway Bridges and Structures with External and Unbonded Prestressing	New Advice Note
NRA BD 58	3.5.13	The Design of Concrete Highway Bridges and Structures with External and Unbonded Prestressing	New Standard
NRA BD 74	3.5.14	Foundations	New Standard

A summary of the changes in amended documents is contained within each individual document.

**Summary of June 2014 Amendments**

The June 2014 updates to the NRA MCDRW are as set out in the table below:

<b>Document</b>	<b>Description of Changes</b>
NRA SD 2 Volume Contents to the NRA Manual of Contract Documents for Road Works	NRA SD 2 is updated in June 2014 to refer to the correct date for all updated parts of the NRA MCDRW.
Series 100 Preliminaries	<p>Series 100 is updated in June 2014 with the issue of a revised Volume 2 – Notes for Guidance to the Specification for Road Works, NG Series 100.</p> <p>The revisions of particular note are;</p> <ol style="list-style-type: none"> <li>1. Changes to Table NG 1/1 to accommodate updates to Series 1800 Structural Steelwork; and</li> <li>2. Changes to Table NG 1/1 to accommodate updates to Series 1900 Protection of Steelwork Against Corrosion.</li> </ol>
Series 1800 Structural Steelwork	<p>Series 1800 is updated in June 2014 with the issue of the following revised documents;</p> <p>Volume 1 Specification for Road Works, Series 1800;            Volume 2 Notes for Guidance to the Specification for Road Works, NG Series 1800;            Volume 3 Section 1 –Method of Measurement for Road Works Chapter IV, Series 1800;            Volume 3 Section 2 – Notes for Guidance on the Method of Measurement for Road Works Chapter IV, Series 1800.</p> <p>The revisions to the listed parts of Series 1800 are widespread, and comprise a thorough update.</p>
Series 1900 Protection of Steelwork Against Corrosion	<p>Series 1900 is updated in June 2014 with the issue of the following revised documents;</p> <p>Volume 1 Specification for Road Works, Series 1900;            Volume 2 Notes for Guidance to the Specification for Road Works, NG Series 1900;            Volume 3 Section 1 –Method of Measurement for Road Works Chapter IV, Series 1900.</p> <p>The revisions to the listed parts of Series 1900 are widespread, and comprise a thorough update.</p>

<b>Document</b>	<b>Description of Changes</b>
Series 2500 Special Structures	<p>Series 2500 is updated in June 2014 with the issue of the following revised documents;</p> <p>Volume 1 Specification for Road Works, Series 2500;</p> <p>Volume 2 Notes for Guidance to the Specification for Road Works, NG Series 2500;</p> <p>Volume 3 Section 1 –Method of Measurement for Road Works Chapter IV, Series 2500;</p> <p>Volume 3 Section 2 – Notes for Guidance on the Method of Measurement for Road Works Chapter IV, Series 2500; and</p> <p>Volume 4 Road Construction Details, Series 2500, RCD/2500/01, RCD/2500/2 and RCD/2500/3.</p> <p>The revisions to the listed parts of Series 2500 of note relate to the introduction of three new RCDs to cover the provision of access underpasses.</p>